

Remarks

In response to the non-final Office Action mailed December 30, 2005, the Applicants respectfully request reconsideration of the rejections and that the case pass to issue in light of the remarks below. The Examiner has allowed claims 1-17 and 21-24 and objected to claims 18-20 for including informalities.

With respect to the informalities to claim 18, the Examiner is invited to review paragraphs 46-61 of the application which discuss controlling discharge to the electric motor without causing the motor to drive a device connected thereto. As noted in these sections, the present invention utilizes a synchronous rotating d-q reference control methodology for motor torque and flux. It includes controlling a quadrature-axis current value (Iq) and a direct-axis current value (Id) so as to limit torque produced by the motor, and thereby, the ability of the motor to drive a device connected thereto. The Applicants respectfully submit that the specification does support the claims and obviates any informalities.

In view of the foregoing, the Applicants respectfully request reconsideration of the rejections and that the case pass to issue. The Examiner is invited to contact the undersigned if it would further prosecution of this case to issue.

Respectfully submitted,

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By


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Date: 1-16-05

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